INVENTOR SEARCH

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=> fil capl; d que l5; d que l31
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FILE COVERS 1907 - 28 Feb 2007  VOL 146 ISS 10
FILE LAST UPDATED: 27 Feb 2007  (20070227/ED)

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L5             1 SEA FILE=CAPLUS ABB=ON  US2006-536517/AP



L29          284 SEA FILE=CAPLUS ABB=ON  SALMON R?/AU
L30           11 SEA FILE=CAPLUS ABB=ON  LANGTON D?/AU
L31            2 SEA FILE=CAPLUS ABB=ON  L29 AND L30


=> s l5,l31 or (l5,l31 and l9)
             1 L9
L35          2 (L5 OR L31) OR ((L5 OR L31) AND L9)

=> fil wpix; d que l34
FILE 'WPIX' ENTERED AT 12:30:57 ON 28 FEB 2007
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FILE LAST UPDATED:                          27 FEB 2007   <20070227/UP>
MOST RECENT THOMSON SCIENTIFIC UPDATE:      200714        <200714/DW>
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    There will not be any update date (UP) written for the reclassified
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'BI ABEX' IS DEFAULT SEARCH FIELD FOR 'WPIX' FILE

L32 79 SEA FILE=WPIX ABB=ON SALMON R?/AU
L33 12 SEA FILE=WPIX ABB=ON LANGTON D?/AU
L34 3 SEA FILE=WPIX ABB=ON L32 AND L33

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PROCESSING COMPLETED FOR L35
PROCESSING COMPLETED FOR L34
L36 3 DUP REM L35 L34 (2 DUPLICATES REMOVED)
ANSWERS '1-2' FROM FILE CAPLUS
ANSWER '3' FROM FILE WPIX

=> d ibib ed abs hitstr 1-2; d iall abeq tech 3

L36 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN DUPLICATE 1
ACCESSION NUMBER: 2006:542801 CAPLUS Full-text
DOCUMENT NUMBER: 145:27874
TITLE: Preparation of (hetero)aryloxyacetamides as agrochemical fungicides.
INVENTOR(S): **Salmon, Roger**; Bacon, David Philip; Chrystal, Ewan James Turner; **Langton, David William**; Knee, Andrew Jonathan; Munns, Gordon Richard; Quaranta, Laura; Brunner, Hans-Georg; Beaudegnies, Renaud; Cederbaum, Fredrik; Murphy Kessabi, Fiona
PATENT ASSIGNEE(S): Syngenta Participations A.-G., Switz.; Syngenta Ltd.
SOURCE: PCT Int. Appl., 119 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006058700	A1	20060608	WO 2005-EP12735	20051129

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

PRIORITY APPLN. INFO.: GB 2004-26373 A 20041201
OTHER SOURCE(S): MARPAT 145:27874
ED Entered STN: 09 Jun 2006

AB ArOCH(SOnR1)C(:L)NR2R3 [Ar = (substituted) (hetero)aryl, (hetero)cyclyl; R1 = alkyl, haloalkyl, cycloalkyl; R2 = H, alkyl, cycloalkyl, alkenyl, cyanoalkyl, alkoxyalkyl, alkoxyalkoxyalkyl, (substituted) benzyloxyalkyl; R3 = (CRaRb)p(CRcRd)qXr(CReRf)sR4; Ra-Rf = H, alkyl, halo, cyano, OH, alkoxy, alkoxycarbonyl; X = CO, CO2, O, S, SO, SO2, imino; L = O, S; p, r, s = 0, 1; n, q = 0-2], were prepared Thus, 5-chloro-3-hydroxypyridine, Et 2-bromo-2-methylthioacetate (preparation given), and K2CO3 were heated together in DMF at 80° for 1 h to give Et 2-(5-chloropyrid-3-yloxy)-2- methylthioacetate. The latter was saponified with NaOH in THF/H2O and the resulting acid was condensed with tert-butylamine to give 2-(5-chloropyridyl-3-yloxy)-2-methylthio-N-(2-methylprop-2-yl)acetamide. Numerous title compds. at 200 ppm gave ≥60% control of Plasmopara viticola on grapevine leaf disks.

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L36 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN DUPLICATE 2
ACCESSION NUMBER: 2004:467847 CAPLUS Full-text
DOCUMENT NUMBER: 141:38429
TITLE: Preparation of N-alkynyl-2-(substituted phenoxy) alkylamides as fungicides
INVENTOR(S): **Salmon, Roger; Langton, David William**
PATENT ASSIGNEE(S): Syngenta Limited, UK
SOURCE: PCT Int. Appl., 57 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004048316	A1	20040610	WO 2003-GB4834	20031110

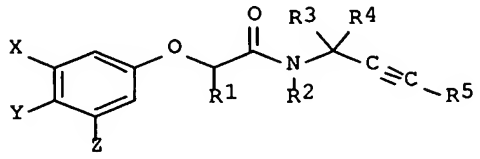
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK,

TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

CA 2502189	A1	20040610	CA 2003-2502189	20031110
AU 2003279471	A1	20040618	AU 2003-279471	20031110
EP 1567480	A1	20050831	EP 2003-772420	20031110
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2003016500	A	20051004	BR 2003-16500	20031110
CN 1717387	A	20060104	CN 2003-80104084	20031110
JP 2006507341	T	20060302	JP 2004-554643	20031110
US 2006194763	A1	20060831	US 2006-536517	20060306 <--
PRIORITY APPLN. INFO.:			GB 2002-27556 A	20021126
			WO 2003-GB4834 W	20031110

OTHER SOURCE(S): MARPAT 141:38429
ED Entered STN: 10 Jun 2004
GI



I

AB The title compds. [I; X, Y, Z = H, halo, alkyl, etc.; R1 = alkoxyalkyl, alkylthioalkyl, alkylsulfinylalkyl, alkylsulfonylalkyl in which the total number of carbon atoms is 2 or 3; R2 = H, alkyl, alkoxymethyl, benzyloxymethyl in which Ph ring is optionally substituted with alkoxy; R3, R4 = H, alkyl, alkenyl, alkynyl; CR3R4 = (un)substituted 3-4 membered carbocyclic ring optionally containing one O, S or N atom; R5 = H, (un)substituted alkyl, cycloalkyl, Ph, thienyl, CH2Ph], were prepared E.g., a multi-step synthesis of I [X, Z = Cl; Y = H; R1 = CH2OMe; R2 = H; R3-R5 = Me] which showed at least 70% control of the following fungal infections at 200 ppm: Phytophthora infestans, Plasmopara viticola, Erypsiphe graminis f.sp. hordei, and at least 70% control at 20 ppm against Pythium ultimum, was given.

REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L36 ANSWER 3 OF 3 WPIX COPYRIGHT 2007 THE THOMSON CORP on STN

ACCESSION NUMBER:	2005-048517 [05] WPIX
DOC. NO. CPI:	C2005-016590 [05]
TITLE:	New N-alkynyl-2-(substituted aryloxy) alkylthioamide derivatives, useful to combat or control phytopathogenic fungi in e.g. plant, seed of a plant and locus of the plant
DERWENT CLASS:	C02; C03
INVENTOR:	BACON D P; BACON D P S L; CROWLEY P J; CROWLEY P J S L; LANGFORD D W; LANGFORD D W S L; SAGEOT O A; SAGEOT O A S L; **SALMON R; SALMON R S L; LANGTON D W**
PATENT ASSIGNEE:	(SYGN-C) SYNGENTA LTD
COUNTRY COUNT:	107

PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG	MAIN IPC
WO 2004108663	A1	20041216	(200505)*	EN	131[0]	C07C323-22
EP 1638928	A1	20060329	(200623)	EN		
AU 2004245282	A1	20041216	(200637)	EN		
BR 2004010995	A	20060704	(200645)	PT		
MX 2005013039	A1	20060301	(200649)	ES		
KR 2006017631	A	20060224	(200660)	KO		
JP 2006526600	W	20061124	(200677)	JA	111	
CN 1812966	A	20060802	(200682)	ZH		C07C323-00

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
WO 2004108663	A1	WO 2004-GB2294	20040528
AU 2004245282	A1	AU 2004-245282	20040528
BR 2004010995	A	BR 2004-10995	20040528
EP 1638928	A1	EP 2004-735260	20040528
EP 1638928	A1	WO 2004-GB2294	20040528
BR 2004010995	A	WO 2004-GB2294	20040528
MX 2005013039	A1	WO 2004-GB2294	20040528
KR 2006017631	A	WO 2004-GB2294	20040528
JP 2006526600	W	WO 2004-GB2294	20040528
KR 2006017631	A	KR 2005-723219	20051202
MX 2005013039	A1	MX 2005-13039	20051202
JP 2006526600	W	JP 2006-508378	20040528
CN 1812966	A	CN 2004-80018297	20040528

FILING DETAILS:

PATENT NO	KIND		PATENT NO	
EP 1638928	A1	Based on	WO 2004108663	A
AU 2004245282	A1	Based on	WO 2004108663	A
BR 2004010995	A	Based on	WO 2004108663	A
MX 2005013039	A1	Based on	WO 2004108663	A
KR 2006017631	A	Based on	WO 2004108663	A
JP 2006526600	W	Based on	WO 2004108663	A

PRIORITY APPLN. INFO: GB 2003-12863 20030604
INT. PATENT CLASSIF.:
MAIN: C07C323-22
SECONDARY: A01N043-40; C07C323-29; C07D213-16; C07D215-02; C07D235-06; C07D265-14; C07D271-12; C07D285-00
IPC ORIGINAL: A01N0041-00 [I,C]; A01N0041-10 [I,A]; A01N0041-12 [I,A]; A01N0043-34 [I,C]; A01N0043-34 [I,C]; A01N0043-40 [I,A]; A01N0043-40 [I,A]; A01N0043-42 [I,A]; A01N0043-48 [I,C]; A01N0043-54 [I,A]; A01N0043-72 [I,C]; A01N0043-76 [I,A]; A01N0043-78 [I,A]; A01N0043-832 [I,A]; C07C0315-00 [I,C]; C07C0315-04 [I,A]; C07C0317-00 [I,C]; C07C0317-46 [I,A]; C07C0319-00 [I,C]; C07C0319-20 [I,A]; C07C0323-00 [I,C]; C07C0323-00 [I,C]; C07C0323-22 [I,A]; C07C0323-29 [I,A]; C07C0323-29 [I,A]; C07C0323-60 [I,A]; C07C0323-62 [I,A]; C07D0213-00 [I,C]; C07D0213-00 [I,C]; C07D0213-16 [I,A]; C07D0213-16 [I,A]; C07D0213-65 [I,A]; C07D0213-68 [I,A]; C07D0213-89 [I,A]; C07D0215-00 [I,C]; C07D0215-02 [I,A]; C07D0215-20 [I,A]; C07D0217-00 [I,C]; C07D0217-02 [I,A]; C07D0231-00 [I,C]; C07D0231-20 [I,A]; C07D0235-06 [I,A]; C07D0239-00 [I,C]; C07D0239-74 [I,A]; C07D0261-00 [I,C];

C07D0261-20 [I,A]; C07D0263-00 [I,C]; C07D0263-56 [I,A]; C07D0265-14 [I,A]; C07D0271-00 [I,C]; C07D0271-12 [I,A]; C07D0277-00 [I,C]; C07D0277-62 [I,A]; C07D0277-68 [I,A]; C07D0277-82 [I,A]; C07D0285-00 [I,A]; A01N0043-34 [I,C]; A01N0043-40 [I,A]; C07C0323-00 [I,C]; C07C0323-00 [I,C]; C07C0323-22 [I,A]; C07C0323-29 [I,A]; C07D0213-00 [I,C]; C07D0213-16 [I,A]; C07D0215-00 [I,C]; C07D0215-02 [I,A]; C07D0235-00 [I,C]; C07D0235-06 [I,A]; C07D0265-00 [I,C]; C07D0265-14 [I,A]; C07D0271-00 [I,C]; C07D0271-12 [I,A]; C07D0285-00 [I,A]

IPC RECLASSIF.: C07C0317-00 [I,C]; C07C0317-46 [I,A]; C07C0323-00 [I,C]; C07C0323-60 [I,A]

BASIC ABSTRACT:

WO 2004108663 A1 UPAB: 20050707

NOVELTY - N-Alkynyl-2-(substituted aryloxy) alkylthioamide derivatives (I) are new.

DETAILED DESCRIPTION - N-Alkynyl-2-(substituted aryloxy) alkylthioamide derivatives of formula (I) are new. Ar = e.g. structure of formula (A); A1, A2, A3 = H, halo, (halo)1-4C alkyl ((optionally substituted with halo, OSO2(1-4C) alkyl (optionally substituted with 1-4C akoxycarbonyl, CONRmRn, CORm, NRmCORn, SO2NRmRn , NRmSO2R1, halo, CN or NO2)), (halo) 2-4C alkenyl, (halo) 2-4C alkynyl, (halo) 1-4C alkoxy or S(O)m 1-4C alkyl;

R1 = 1-4C alkyl;

R-m, R-n = H or 1-4C alkyl; L , M = N, N-oxide or CQ (except that no more than one of L or M is N-oxide);

R1 = methyl or ethyl, 1-6C alkyl; R2 = H, 1-4C alkyl, 1-4C alkoxymethyl or benzyloxymethyl (the phenyl ring of the benzyl moiety is optionally substituted with 1-4C alkoxy);

R3, R4 = H, 1-3C alkyl, 2-3C alkenyl and 2-3C alkynyl; CR3R4 = 3 or 4 membered carbocyclic ring optionally containing one O, S or N atom, optionally substituted with halo or C1-4 alkyl; R5 = 1-4C alkyl or 3-6C cycloalkyl (optionally substituted with halo, OH, 1-6C alkoxy, CN, 1-4C alkylcarbonyloxy, aminocarbonyloxy or mono- or di-1-4C alkylaminocarbonyloxy, S(O)p1-6C alkyl), H, phenyl, thienyl or benzyl(all optionally substituted), optionally substituted phenyl, thienyl rings or moieties of the R5 values are optionally substituted with 1-3 substituents of halo, OH, mercapto, 1-4C alkyl, 2-4C alkenyl, 2-4C alkynyl, 1-4C alkoxy, 2-4C alkenyloxy, 2-4C alkynyloxy, halo1-4C alkyl, halo1-4C alkoxy, 1-4C alkylthio, halo1-4C alkylthio, hydroxy1-4C alkyl, 1-4C alkoxy1-4C alkyl, 3-6C cycloalkyl, 3-6C cycloalkyl1-4Calkyl, phenoxy, benzyloxy, benzoyloxy, CN, isocyano, thiocyanato, isothiocyanato, NO2, NR-pR-q, NHCOR-p, NHCONR-pR-q, CONR-pR-q, SO2R-o, OSO2R-o, COR-p, CR-p=NR-q or -N=CR-pR-q; p = 0-2, triazolyl, pyrazolyl, imidazolyl, tri-1-4C-alkylsilyloxy ((optionally substituted phenoxy, optionally substituted thienyloxy (optionally substituted benzyloxy or thienylmethoxy); R-o = (halo)1-4Calkyl, (halo)1-4Calkoxy, 1-4C alkylthio, 3-6C cycloalkyl, 3-6C cycloalkyl1-4Calkyl, phenyl or benzyl, the phenyl, benzyl (optionally substituted with halo, 1-4C alkyl or 1-4C alkoxy); R-p, R-q = H, 1-4C alkyl, halo1-4Calkyl, (halo)1-4Calkoxy, 1-4C alkylthio, 3-6C cycloalkyl, 3-6C cycloalkyl1-4Calkyl, phenyl or enzyl, the phenyl or benzyl (optionally substituted with halo, 1-4C alkyl or 1-4C alkoxy); and

m, n = 0-2.

Provided that R3, R4 are not H and when both are other than H, when combined total of carbon atoms does not exceed 4. An INDEPENDENT CLAIM is also included for the preparation of (I). ACTIVITY - Fungicide; Herbicide; Insecticide; Acaricide. The fungicidal activity of (I) (20 ppm) was assessed against Pythium ultimum. The result showed that the percentage control of the fungi was at least 60%.

MECHANISM OF ACTION - None given.

USE - Compounds (I) are useful to combat or control phytopathogenic fungi in a plant, seed of a plant, in the locus of the plant or seed or in soil or any other

plant growth medium (claimed). (I) are also useful to control pathogens e.g. Pyricularia oryzae on a plant. (I) are further useful as herbicidal, insecticidal, nematocidal or acaricidal agent.

MANUAL CODE: CPI: C06-H; C07-H; C10-A03; C10-A09B; C10-A10; C10-A15; C10-B04; C10-D03; C14-A06; C14-B03A; C14-B04; C14-V01

TECH

ORGANIC CHEMISTRY - Preparation (claimed): Preparation of (I) comprises halogenation of an ester derivatives of formula (2) with halogenating agent in the presence of radical initiator to give haloester derivatives of formula (3), which is reacted with alkanethiols (R1SH) in the presence of a base to give ester derivatives of formula (6). Reaction of (6) with alkali metal hydroxide to give acid derivatives of formula (7), which is condensed with amine derivative of formula (8) to give (I).

R6 = 1-4C alkyl.

STRUCTURE SEARCH

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=> fil reg; d stat que l9
FILE 'REGISTRY' ENTERED AT 12:31:31 ON 28 FEB 2007
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DICTIONARY FILE UPDATES:  27 FEB 2007  HIGHEST RN 923673-01-2

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http://www.cas.org/ONLINE/UG/regprops.html

L3                STR
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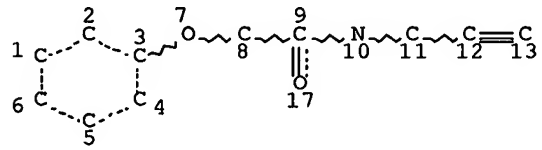


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NODE ATTRIBUTES:
NSPEC   IS R      AT  11  = NODE 11 IS A RING NODE
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS  14

STEREO ATTRIBUTES: NONE
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100.0% PROCESSED     883 ITERATIONS                          9 ANSWERS
SEARCH TIME: 00.00.01


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L3                STR
L9            9 SEA FILE=REGISTRY SSS FUL L3
L22           1 SEA FILE=REGISTRY ABB=ON  L9 NOT CAPLUS/LC
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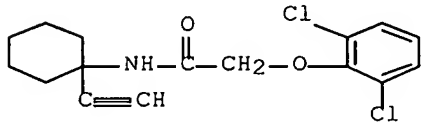
=> d ide l22

L22 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN
RN 875439-94-4 REGISTRY
ED Entered STN: 28 Feb 2006
CN Acetamide, 2-(2,6-dichlorophenoxy)-N-(1-ethynylcyclohexyl)- (9CI) (CA INDEX NAME)
MF C16 H17 Cl2 N O2
SR Chemical Library
Supplier: Merlin Synthesis



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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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FILE 'CAPLUS' ENTERED AT 12:32:07 ON 28 FEB 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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FILE COVERS 1907 - 28 Feb 2007 VOL 146 ISS 10
FILE LAST UPDATED: 27 Feb 2007 (20070227/ED)

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They are available for your review at:

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'OBI' IS DEFAULT SEARCH FIELD FOR 'CAPLUS' FILE

L37 1 L9

=> s l37 not l35
L38 1 L37 NOT L35

=> fil marpat; d que nos l13
FILE 'MARPAT' ENTERED AT 12:32:50 ON 28 FEB 2007
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FILE CONTENT: 1961-PRESENT VOL 146 ISS 9 (20070223/ED)

SOME MARPAT RECORDS ARE DERIVED FROM INPI DATA FOR 1961-1987

MOST RECENT CITATIONS FOR PATENTS FROM MAJOR ISSUING AGENCIES
(COVERAGE TO THESE DATES IS NOT COMPLETE):

US	2007004942	04 JAN	2007
DE	102005062830	04 JAN	2007
EP	1739181	03 JAN	2007
JP	2006351418	28 DEC	2006
WO	2007005740	11 JAN	2007
GB	2427406	27 DEC	2006
FR	2887882	05 JAN	2007
RU	2290406	27 DEC	2006
CA	2510093	16 DEC	2006

Expanded G-group definition display now available.

L3		STR
L12	7	SEA FILE=MARPAT SSS FUL L3
L13	3	SEA FILE=MARPAT ABB=ON L12/COMPLETE

=> fil wpix; d que nos l28
FILE 'WPIX' ENTERED AT 12:32:58 ON 28 FEB 2007

FILE LAST UPDATED: 27 FEB 2007 <20070227/UP>
MOST RECENT THOMSON SCIENTIFIC UPDATE: 200714 <200714/DW>
DERWENT WORLD PATENTS INDEX SUBSCRIBER FILE, COVERS 1963 TO DATE

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http://www.stn-international.de/stndatabases/details/ipc_reform.html and
http://scientific.thomson.com/media/scpdf/ipcrdwpi.pdf

>>> FOR DETAILS ON THE NEW AND ENHANCED DERWENT WORLD PATENTS INDEX
PLEASE SEE
http://www.stn-international.de/stndatabases/details/dwpi_r.html <<<

>>> New and revised Manual Codes went live in Derwent World Patents Index

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    To view the lists of new, revised and retired codes for both CPI and
    EPI,  please go to:
    http://scientific.thomson.com/dwpi-manualcoderevision <<<
'BI ABEX' IS DEFAULT SEARCH FIELD FOR 'WPIX' FILE


L3                STR
L25             1 SEA FILE=WPIX SSS FUL L3
L26             1 SEA FILE=WPIX ABB=ON  L25/DCR
L27             1 SEA FILE=WPIX ABB=ON  (RAMY9V/DRN,DCN,DCRE OR 1317330-0-0-0/DRN
                  ,DCN,DCRE)
L28             1 SEA FILE=WPIX ABB=ON  (L26 OR L27)


=> s l28 not l34
L39             1 L28 NOT L34

=> dup rem l38,l13,l39
FILE 'CAPLUS' ENTERED AT 12:33:20 ON 28 FEB 2007
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FILE 'WPIX' ENTERED AT 12:33:20 ON 28 FEB 2007
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PROCESSING COMPLETED FOR L38
PROCESSING COMPLETED FOR L13
PROCESSING COMPLETED FOR L39
L40             5 DUP REM L38 L13 L39 (0 DUPLICATES REMOVED)
                  ANSWER '1' FROM FILE CAPLUS
                  ANSWERS '2-4' FROM FILE MARPAT
                  ANSWER '5' FROM FILE WPIX

=> d ibib ed abs hitstr 1; d ibib abs qhit 2-4; d iall abeq tech hit hitstr 5; fil
hom

L40  ANSWER 1 OF 5  CAPLUS  COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER:         1966:507841  CAPLUS  Full-text
DOCUMENT NUMBER:          65:107841
ORIGINAL REFERENCE NO.:   65:20061b-f
TITLE:                    Acetylenic amides
INVENTOR(S):              Easton, Nelson R.; Dillard, Robert D.
PATENT ASSIGNEE(S):       Eli Lilly & Co.
SOURCE:                   3 pp.
DOCUMENT TYPE:            Patent
LANGUAGE:                 Unavailable
FAMILY ACC. NUM. COUNT:   1
PATENT INFORMATION:

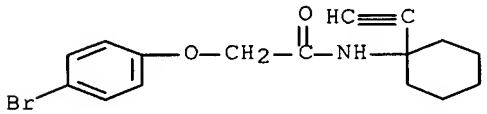
     PATENT NO.           KIND   DATE        APPLICATION NO.         DATE
     ---------------      ----   --------    --------------------    --------
     US 3272844                  19660913    US 1965-461197          19650603
PRIORITY APPLN. INFO.:                       US                      19650603
ED   Entered STN:  22 Apr 2001
```

AB The title compds. are made by treating acetylenic amines with the acid chlorides of substituted or unsubstituted phenoxyacetic acids in an inert solvent such as CHCl3. The acid chlorides may be made by treating the phenoxyacetic acids with SOCl2 or PCl3. Thus, 41 g. p-ClC6H4OCH2COCl was added dropwise to a solution of 22.2 g. 4-methylamino-4-methyl-2-pentyne and 40.4 ml. triethylamine in 500 ml. CHCl3 at 5°, the mixture warmed to room temperature and stirred 18 hrs., 1 l. 0.5N NaOH added, and the CHCl3 layer separated, dried, and evaporated in vacuo to give 21g. 4-methyl-4-(N-methyl-p-chlorophenoxyacetamido)-2-pentyne, m. 46-8° (methylcyclohexane). Other compds. were similarly made (final product and m.p. given): N-(1-ethynylcyclohexyl)-phenoxyacetamide, 81-3°; 3-methyl-3-phenoxyacetamido-1-butyne, 103-5°; 3-methyl-3-(p- chlorophenoxyacetamido)-1-butyne, 96-8°; N-(1-ethynylcyclohexyl)-p- chlorophenoxyacetamide, 99- 101°; 3-methyl-3-(2,4-dichlorophenoxyacetamido)-1-butyne, 80-2°; N-(1-ethynylcyclohexyl)- N-methyl-2,4-dichlorophenoxyacetamide, 70-2°; N-(1- ethynylcyclohexyl)-2,4-dichlorophenoxyacetamide, 111-13°; 4-methyl-4-(N-methyl-2,4-dichlorophenoxyacetamido)-2-pentyne, 41-3°; N-(1-ethynylcyclohexyl-N-methyl-3,4- dichlorophenoxyacetamide, 129-31°; N-(1-ethynylcyclohexyl)-3,4-dichlorophenoxyacetamide, 113-15°; 3-methyl-3-(N-methyl-3,4-dichlorophenoxyacetamido)-1-butyne, 85-7°; 3-methyl-3-(N-methyl-p-chlorophenoxyacetamido)-1-butyne, 68-70°; 3-methyl-3-(m-bromophenoxyacetamido)-1-butyne, 95-7°; N-(ethynylcyclohexyl)-p-bromophenoxyacetamide, 128-30°; 3-methyl-3-[N-(2- tetrahydrofurfuryl)-p-chlorophenoxyacetamido]-1-butyne, 104-6°; 3-methyl-3-(p-bromophenoxyacetamido)-1-butyne, 96-8°; 3-methyl-3-(2-trifluoromethylphenylthio)acetamido]-1-butyne, 88-90°; 3-methyl-3-[(2-methyl-3-chlorophenylthio)acetamido]-1- butyne, 106-9°; 3-methyl-3-[(2-methylphenythio)acetamido]-1-butyne, 86-8°; 3-methyl-3- [(p-chlorophenylthio)acetamido]-1-butyne, 93-5°; N- ethynylcyclohexyl-p-fluorophenoxyacetamide, 83-5°; 3-methyl-3-(3,4-dichlorophenoxyacetamido)-1-butyne, 92-4°; 3-methyl-3-(N-cyclopropyl-p-chlorophenoxyacetamido)-1 -butyne, 72-4°; 3-methyl-3-(m-chlorophenoxyacetamido)-1-butyne, 107-8°; 3-methyl-3-(o-chlorophenoxyacetamido)-1-butyne, 104-6°; 3-methyl-3-(N-methyl-2,4-dichlorophenoxyacetamido)-1- butyne, 74-6°; 3-methyl-3-[N-(2-tetrahydrofurfuryl)-2,4- dichlorophenoxyacetamido]-1-butyne, 106-8°; 3-methyl-3-(p- trifluoromethylphenoxyacetamido)-1-butyne, 91-3°; 3,4,4-trimethyl-3-(N-methyl-3,4-dichlorophenoxyacetamido)-1-pentyne, 120-3°; 3-phenyl-3-(2,4-dichlorophenoxyacetamido)-1-butyne, 150-2°. These compds. are hypotensives and herbicides.

IT **10411-79-7**, Acetamide, 2-(p-bromophenoxy)-N-(1-ethynylcyclohexyl)- (as hypotensive)

RN 10411-79-7 CAPLUS

CN Acetamide, 2-(p-bromophenoxy)-N-(1-ethynylcyclohexyl)- (7CI, 8CI) (CA INDEX NAME)



IT **10411-69-5P**, Acetamide, 2-(p-chlorophenoxy)-N-(1-ethynylcyclohexyl)- **10411-71-9P**, Acetamide, 2-(2,4-dichlorophenoxy)-N-(1-ethynylcyclohexyl)-N-methyl- **10411-72-0P**, Acetamide, 2-(2,4-dichlorophenoxy)-N-(1-ethynylcyclohexyl)- **10411-74-2P**, Acetamide, 2-(3,4-dichlorophenoxy)-N-(1-ethynylcyclohexyl)-N-methyl- **10411-75-3P**, Acetamide, 2-(3,4-dichlorophenoxy)-N-(1-ethynylcyclohexyl)- **10412-33-6P**, Acetamide, N-(1-

ethynylcyclohexyl)-2-phenoxy- **10436-41-6P**, Acetamide, N-(1-ethynylcyclohexyl)-2-(p-fluorophenoxy)-
RL: PREP (Preparation)
(preparation of)

RN 10411-69-5 CAPLUS
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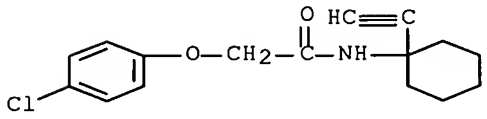

RN 10411-71-9 CAPLUS
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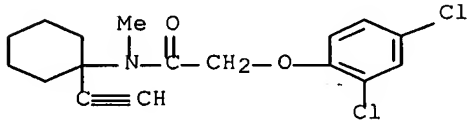

RN 10411-72-0 CAPLUS
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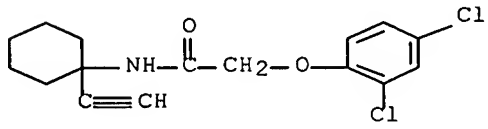

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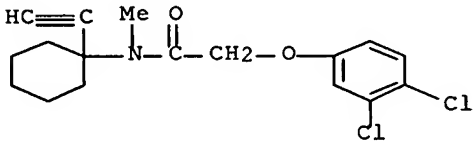

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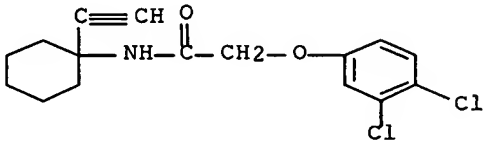

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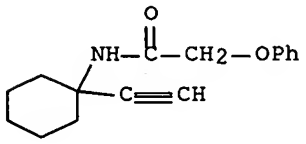

RN 10436-41-6 CAPLUS
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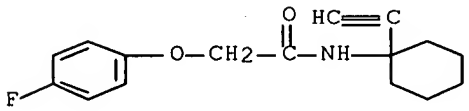

L40 ANSWER 2 OF 5 MARPAT COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 144:312289 MARPAT Full-text
TITLE: Preparation of alkyl-substituted 2-deoxy-2-fluoro-D-ribofuranosyl pyrimidine and purine nucleoside analogs via condensation of the lactone to nucleosides as potential antiviral agents
INVENTOR(S): Chun, Byoung-Kwon; Wang, Peiyuan
PATENT ASSIGNEE(S): Pharmasset, Inc., USA
SOURCE: PCT Int. Appl., 74 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006031725	A2	20060323	WO 2005-US32406	20050913

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SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU,
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IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,
CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
KG, KZ, MD, RU, TJ, TM

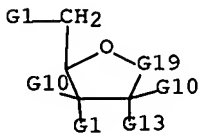
US 2006122146 A1 20060608 US 2005-225425 20050913
PRIORITY APPLN. INFO.: US 2004-609783P 20040914
US 2004-610035P 20040915
US 2005-666230P 20050329

GI

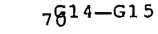
* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB A process for preparing of 2-deoxy-2-fluoro-2-methyl-D-ribonolactones, I, wherein R1 and R2 can independently be H, CH3, acetyl, benzoyl, pivaloyl, 4-nitrobenzoyl, 3-nitrobenzoyl, 2-nitrobenzoyl, 4-chlorobenzoyl, 3-chlorobenzoyl, 2-chlorobenzoyl, 4-methylbenzoyl, 3-methylbenzoyl, 2-methylbenzoyl, 4-phenylbenzoyl, benzyl, 4-methoxybenzyl, trityl, trialkylsilyl, t-butyl-dialkylsilyl, t-butyldiphenylsilyl, TIPDS, THP, MOM, or MEM are prepared and used in the condensation to 2-deoxy-2-fluoro-D-ribofuranosyl pyrimidine and purine nucleoside analogs. Thus, 2-deoxy-2-fluoro-D-ribofuranosyl pyrimidine and purine nucleoside analogs II and III, wherein X is a halogen; Y is N or CH; Z is a halogen, hydroxyl, ether, thiol, thioether, (un)substituted amine or alkyl; R1' is alkyl, vinyl, ethynyl; R2' and R3' can be same or different H, alkyl, arylalkyl, acyl, cyclic acetal such as 2',3'-O-isopropylidene or 2',3-O-benzylidene, or 2',3'-cyclic carbonate; R4, R5, and R6 are independently H, halogen, hydroxyl, ether, thiol, thioether, N3, (un)substituted amine, (un)substituted amido, alkyl, halogenated alkyl, alkenyl, halogenated alkenyl, alkynyl, halogenated alkynyl, hydroxy alkyl, alkoxy are prepared and are potential anti-HCV agents. Specifically, IV was prepared in 88 % yield via condensation, alkylation and stereoselective fluorination reactions and can exhibit potential use as an anti-HCV agent.

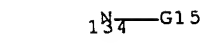
MSTR 7



G10 = ethynyl (opt. substd. by G5)
G13 = 70



G14 = 134



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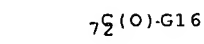

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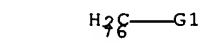

G18 = OPh
Patent location: claim 28
Note: also incorporates later claims

L40 ANSWER 3 OF 5 MARPAT COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 140:199210 MARPAT Full-text
TITLE: Preparation of aminocyclohexene-substituted quinolines and their azaisosteric analogues with antibacterial activity
INVENTOR(S): Davies, David Thomas; Elder, John Stephen; Forrest, Andrew Keith; Jarvest, Richard Lewis; Pearson, Neil David; Sheppard, Robert John
PATENT ASSIGNEE(S): Glaxo Group Limited, UK
SOURCE: PCT Int. Appl., 60 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004014361	A1	20040219	WO 2003-EP8153	20030723
WO 2004014361	A9	20040408		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
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EP 1539133	A1	20050615	EP 2003-784064	20030723
EP 1539133	B1	20060823		
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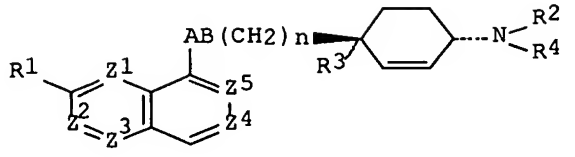
JP 2005538125	T	20051215	JP 2004-526773	20030723
AT 336995	T	20060915	AT 2003-784064	20030723
US 2006040925	A1	20060223	US 2005-522058	20050714

PRIORITY APPLN. INFO.: GB 2002-17294 20020725
WO 2003-EP8153 20030723

GI .



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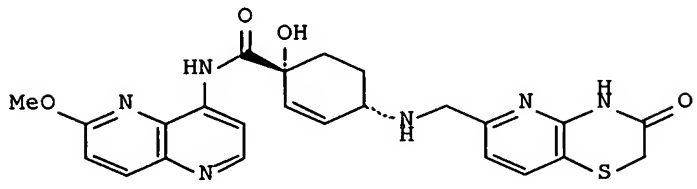
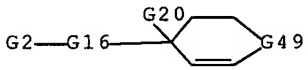


II

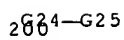
AB Title compds. I [one of Z1-5 = N, one = CR1a and the remainder are CH, etc.; R1-1a = H, OH, (un)substituted alkoxy, etc.; R2 = H, (un)substituted-alkyl, -alkenyl; R3 = OH, alkoxy, alkenyloxy, etc.; R4 = alkyl, hydroxyalkyl, alkoxyalkyl, heterocycle, etc.; n = 0-1; AB = amido, carboxamido, acyl, etc.] and there pharmaceutically acceptable salts are prepd and disclosed as antibacterial agents. For instance, 4-amino-1-hydroxycyclohex-2-enecarboxylic acid N-(6- methoxy[1,5]naphthyridin-4-yl)amide (preparation given) is reductively alkylated with 3-oxo-3,4-dihydro-2H-pyrido[3,2-b][1,4]thiazine-6-carboxaldehyde to give II. II possessed an MIC of ≤ 2 μg/mL against S epidermidis CL7, S. aureus WCUH29, S. pneumoniae 1629, S. pyogenes CN10, H. influenzae ATCC 49247, E. faecalis 2, M. catarrhalis Ravasio, and E. coli 7623.

MSTR 2

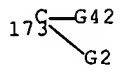


G2 = ethynyl
G16 = bond
G24 = NH
G25 = 229 / 233

G33 = C(O)
G34 = CH2 (opt. substd.)
G35 = O
G36 = Ph (opt. substd.)
G42 = 200



G49 = 173



Patent location: claim 13
Note: substitution is restricted

L40 ANSWER 4 OF 5 MARPAT COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 96:162425 MARPAT Full-text
TITLE: 7-α-Methoxycephalosporins
INVENTOR(S): Christensen, Burton G.; Cama, Lovji D.; Karady, Sandor; Sletzinger, Meyer
PATENT ASSIGNEE(S): Merck and Co., Inc., USA
SOURCE: U.S., 66 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 4
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4297488	A	19811027	US 1971-149364	19710602
GB 1348984	A	19740327	GB 1970-29158	19700616
ZA 7103229	A	19720126	ZA 1971-3229	19710518
CS 194155	B2	19791130	CS 1971-4191	19710608
CS 194176	B2	19791130	CS 1975-7078	19710608
CS 194177	B2	19791130	CS 1975-7079	19710608
SE 416553	B	19810119	SE 1971-7460	19710609
SE 416553	C	19810430		
ES 392228	A1	19750401	ES 1971-392228	19710614
AT 322741	B	19750610	AT 1971-322741	19710614
PL 102930	B1	19790531	PL 1971-176078	19710614
CH 581660	A5	19761115	CH 1971-8753	19710615
SU 640664	A3	19781230	SU 1971-1673667	19710615
RO 68391	A1	19810430	RO 1971-75565	19710615
RO 68392	A1	19810430	RO 1971-75740	19710615
RO 68390	A1	19810730	RO 1971-67308	19710615
RO 68220	A1	19811104	RO 1971-75687	19710615
DK 157320	B	19891211	DK 1971-2918	19710615
DK 157320	C	19900507		
FR 2100769	A5	19720324	FR 1971-21922	19710616
FR 2100769	B1	19740927		
HU 167141	B	19750828	HU 1971-ME1381	19710616
JP 58029311	B	19830622	JP 1971-43230	19710616
NL 178971	B	19860116	NL 1971-8284	19710616
NL 178971	C	19860616		
NO 146601	B	19820726	NO 1972-3121	19720901
NO 146601	C	19821103		
ES 419393	A1	19761016	ES 1973-419393	19731005

ES 419395	A1	19761016	ES 1973-419395	19731005
ES 419396	A1	19761016	ES 1973-419396	19731005
ES 419394	A1	19770116	ES 1973-419394	19731005
ES 419397	A1	19770116	ES 1973-419397	19731005
US 4014873	A	19770329	US 1974-528109	19741129
US 4058661	A	19771115	US 1975-565495	19750407
US 4107432	A	19780815	US 1977-790793	19770425
US 4324890	A	19820413	US 1980-145069	19800430
US 4338437	A	19820706	US 1980-145113	19800430
US 4338438	A	19820706	US 1980-145114	19800430
US 4342757	A	19820803	US 1980-145070	19800430
US 4342869	A	19820803	US 1980-145115	19800430
US 4343937	A	19820810	US 1980-145160	19800430
JP 56077284	A	19810625	JP 1980-126195	19800912
JP 59046954	B	19841115		
JP 56077285	A	19810625	JP 1980-126196	19800912
JP 59046955	B	19841115		
JP 56077286	A	19810625	JP 1980-126197	19800912
JP 59046956	B	19841115		

PRIORITY APPLN. INFO.:

GB 1970-29158	19700616
GB 1970-33415	19700709
GB 1970-46556	19700930
GB 1970-58731	19701210
GB 1971-3296	19710127
GB 1971-3297	19710127
GB 1971-3298	19710127
GB 1971-4179	19710208
GB 1971-4479	19710211
GB 1971-4480	19710211
GB 1971-5588	19710226
GB 1981-29158	19810430
US 1971-149364	19710602
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US 1973-356873	19730503
US 1975-565495	19750407

OTHER SOURCE(S): CASREACT 96:162425

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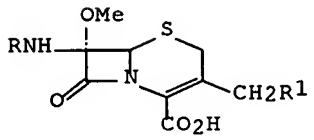
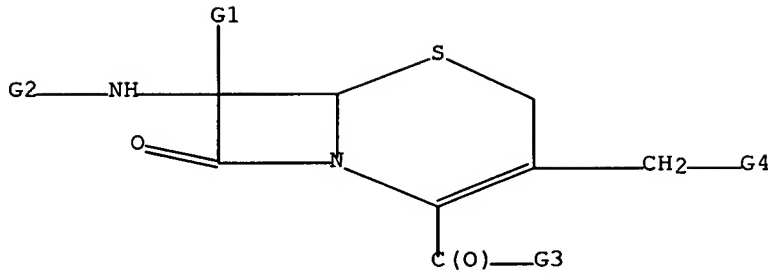


I

AB Cephalosporins I (R = acyl, R1 = H, halogen, OH, SH, acyloxy, carbamoyloxy, thiocarbamoylthio, thioacylthio, pyridinium) were prepared Thus I [R = HO2CCH(NH2)(CH2)4CO, R1 = O2CNH2] was prepared by fermentation, protected with ClCO2CH2CCl3, esterified, acylated with PhCH2COCl, hydrogenolyzed, and hydrolyzed to give I (R = PhCH2CO, R1 = O2CNH2) which had min. inhibitory concentration against Streptococcus pyogenes and Proteus vulgaris of 1.56 μg/mL.

MSTR 1



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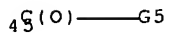

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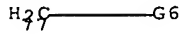

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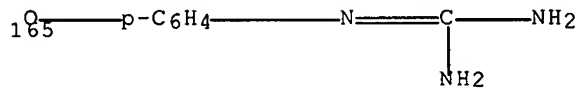

Patent location: claims
Note: record may include structures from disclosure

L40 ANSWER 5 OF 5 WPIX COPYRIGHT 2007 THE THOMSON CORP on STN
ACCESSION NUMBER: 2006-423739 [43] WPIX
DOC. NO. CPI: C2006-133690 [43]
TITLE: New 1-alkynyl-2-aryloxyalkylamides for fungicidal composition useful as fungicides for combating or controlling phytopathogenic fungi that shows good activity against Oomycete class of pathogens
DERWENT CLASS: C02; C03
INVENTOR: BEAUDEGNIES R; BRUNNER H; CEDERBAUM F; CHRYSTAL E J T; CROWLEY P J; MURPHY KESSABI F; QUARANTA L; SAGEOT O A; SALMON R
PATENT ASSIGNEE: (SYGN-C) SYNGENTA LTD; (SYGN-C) SYNGENTA PARTICIPATIONS AG
COUNTRY COUNT: 111

PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG	MAIN IPC
WO 2006058699	A1	20060608	(200643)*	EN	56[0]	

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
WO 2006058699	A1	WO 2005-EP12734	20051129

PRIORITY APPLN. INFO: GB 2004-26372 20041201
INT. PATENT CLASSIF.:
IPC ORIGINAL: A01N0039-00 [I,C]; A01N0039-02 [I,A]; A01N0043-00 [I,A]; A01N0043-00 [I,C]; C07D0215-00 [I,C]; C07D0215-20 [I,A]; C07D0307-00 [I,C]; C07D0307-91 [I,A]; C07D0333-00 [I,C]; C07D0333-76 [I,A]
IPC RECLASSIF.: C07D0327-00 [I,C]; C07D0327-04 [I,A]
BASIC ABSTRACT:

WO 2006058699 A1 UPAB: 20060706
NOVELTY - A 1-alkynyl-2-aryloxyalkylamide is new.
DETAILED DESCRIPTION - A 1-alkynyl-2-aryloxyalkylamides of structure (I) is new.
Ar=group of structure (A);
A =aryl, aryloxy, aryl(1-6C)alkyl, aryl(1-6C)alkoxy, heteroaryl, heteroaryloxy, heteroaryl(1-6C)alkyl or heteroaryl(1-6C)alkoxy in which the aryl or heteroaryl moiety is optionally substituted with 1-3 substituents from halo, cyano, hydroxy, 1-4C alkyl, 1-4C alkoxy or 1-4C alkylthio;
and A2 and A3=H, halo, cyano, nitro, 1-C alkyl, halo(1-6C alkyl, 3-6C cycloallcyl, 3-6C cycloalkyl(1-4C)alkyl, 2-6C alkenyl, halo(2-6C)alkenyl, 2-6C alkynyl, halo(2-6C)alkynyl,1-6C alkoxy, halo(1-6C)alkoxy, 2-6C alkenyloxy, halo(2-6C)alkenyloxy, 2-6C alkynyloxy, halo(2-6C)alkynyloxy, aryl, aryloxy, aryl(1-6C-alkyl or aryl(1-6C)alkoxy, heteroaryl, heteroaryloxy, heteroaryl(1-6C)alkyl or heteroaryl(1- 6C)alkoxy, -SF5, -S(O)p(1-4C alkyl; p=0-2 and the alkyl group is optionally substituted with halo, -0S02(1-4C)alkyl or with halo, -CONRpRq, -CORp, CO2Rp, CRp=NRq, -NRpRq, -NR CORq, or -NRpCO2Rq, -NRpSO2Rap;o; Rap;o=1-4C alkyl optionally substituted with halogen; R=H or 1-4C alkyl optionally substituted with halogen, or, in the case of or -CONRpRq or -SO2NRpRq may join to form a 5- or 6-membered ring containing a single nitrogen atom, a single sulfur atom, saturated carbon atoms and optionally a single oxygen atom; A1, A2=form a 5-membered saturated or unsaturated ring or a 6-, 7- or 8- membered saturated ring optionally substituted with halo, C, alkyl, C, alkoxy, oxo, thioxo, aryl, aryloxy, aryl(1-6C)alkyl, aryl(1-6C)alkoxy, heteroaryl, hetero aryloxy, heteroaryl(1-6C)alkyl or heteroaryl(1- 6C)alkoxy;
A3=H, halo, cyano, nitro, 1-6C alkyl, halo(1-6C)alkyl, 3-6C cycloalkyl, 3-6C cycloalkyl(1-4C) alkyl, 2-6C alkenyl, halo(2-6C alkenyl) 2-6C alkynyl, halo(2-6C)alkynyl, 1-6C alkoxy, halo(1-6C)alkoxy, 2-6C alkenyloxy, halo(2-6C)alkenyloxy, 2-6C alkylnyloxy, halo(2-6C)alkynyloxy, aryl, aryloxy, aryl(1-6C)alkyl, aryl(1-6C)alkoxy, heteroaryl, heteroaryloxy, heteroaryl(1-6C)alkyl, heteroaryl(1-6C)alkoxy, -SF5, -S(O)p(1-4Calkyl;
p=0-2 and the alkyl group is optionally substituted with halo, -0S02(1-4C)alkyl;
Ar=structures (B1) or (B2); L and M=CQ;
L=N or N-oxide or CQ;
M=CQ, N or N-oxide;
Ka and Kb=H or F;
V=H, halo, cyano, nitro, 1-6C alkyl optionally substituted with halo or 1-4C alkoxy, 3-6C cycloalkoxyl optionally substituted with halo or 1-4C alkoxy, 3-6C cycloalkyl(1-4C alkyl optionally substituted with halo or 1-4C alkoxy, 2-4C alkenyl optionally substituted with halo, 2-4C alkynyl optionally substituted

with halo, 1-6C alkoxy optionally substituted with halo or 1-4C alkoxy, 2-4C alkenyloxy optionally substituted with halo, 2-4C alkenyloxy optionally substituted with halo, aryl, aryloxy, aryl(1-6C)alkyl, aryl(1-6Calkoxy, heteroaryl, heteroaryloxy, heteroaryll-6C)alkyl, heteroaryl(1-6C)alkoxy, -SF5, -S(O)p(1-4C)alkyl;
p=0-2;
Q=aryl, aryloxy, aryl(1-6C)alkyl, aryl(1-6C)alkoxy, heteroaryl, heteroaryloxy, heteroaryl(1-6C)alkyl or heteroaryl(1-6C) alkoxy in which the aryl or heteroaryl moiety is optionally substituted with 1-3 substituents from halo, cyano, 1-4C alkyl, 1-4C alkoxy or 1-4C alkylthio; R1=1-4C alkyl, halo(1-4C)alkyl or 3-4C cycloalkyl; R2=H, 1-4C alkyl, 1-4C alkoxymethyl or benzyloxymethyl in which the phenyl ring of the benzyl moiety is optionally substituted with 1-3 1-4C alkoxy groups;
R3, R4=H, 1-4C alkyl, 2-4C alkenyl or 2-4C alkynyl optionally substituted with halo, C14 alkoxy, cyano or -S(O)m(1-4Calkyl; m=0-2;
R5=H, 1-8C alkyl, 3-4C cycloallcyl or 3-6C cycloalkyl(1-4C alkyl) in which the alkyl or cycloalkyl group is optionally substituted with halo, hydroxy, 1-6C alkoxy, 1-3C alkoxy(1-3C)alkoxy, cyano, 1-4C alkylcarbonyl, 1-4C alkoxycarbonyl, arylcarbonyl, heteroarylcarbonyl, 1-4C alkylcarbonyloxy, aminocarbonyloxy or mono- or di(1-4C alkylaminocarbonyloxy, tri(1-4C)alkylsilyloxy, -S(O)r(1-6C)alkyl; r=0-2;
n=0-2.
The alkyl, cycloalkyl, alkenyl, alkynyl, aryl or heteroaryl groups or moieties are optionally substituted. If the ring is a 5-membered saturated ring optionally one or two of the carbon atoms are replaced independently with an 0 or S atom, or if the ring is a 5-membered unsaturated ring optionally one carbon atom is replaced with an 0 or S atom and the unsaturated 5 membered ring is optionally fused with a benzene or a pyridine ring, which can be optionally substituted with halo or C14 alkyl, or the ring is a 6-, 7- or 8-membered unsaturated ring. The alkyl group is optionally substituted with halo, -C0R', -CO2R', or -NRS02Rap;. The alkyl, cycloalkyl, alkenyl, alkynyl, aryl or heteroaryl groups or moieties are optionally substituted. The 1-4C alkyl group is optionally substituted with halo, provided that both are not H, or R3 and R4 join with the carbon atom to which they are attached to form a 3 or 4 membered carbocyclic ring optionally containing one 0, S or N atom and optionally substituted with halo, 1-4C alkyl, 1-4C alkoxy or cyano.
INDEPENDENT CLAIMS are also included for: (A) a process for preparing a compound; (B) a fungicidal composition comprising a fungicidally effective amount of a compound (I) and a carrier or diluent; and (C) a method of combating or controlling phytopathogenic fungi comprising applying a fungicidally effective amount of a compound (I) or a composition to a plant, to a seed of a plant, to the locus of the plant or seed or to soil or any other plant growth medium.
USE - For fungicidal composition useful as fungicides for combating or controlling phytopathogenic fungi.
ADVANTAGE - The invented compound shows good activity against the Oomycete class of pathogens, e.g. Phytophthora infestans, Plasmopara species, e.g. Plasmopara viticola and Pythium species e.g. Pythium ultitnum. It effective combats or controls phytopathogenic fungi. MANUAL CODE: CPI: C05-B01B; C06-H; C07-H; C10-A08; C10-A09B; C10-A10;
C10-A12C; C10-A13D; C10-A15; C10-B04; C10-C04; C10-D03;
C14-A06

TECH
ORGANIC CHEMISTRY - Preparation: The compound is prepared by reacting the compound (4) with a halogenating agent; reacting the resulting compound (5) in the presence of a base with a compound Ar-OH to yield the compound (6); converting this compound in the presence of a base to the corresponding acid; and reacting this acid with an amine (claimed).

IT UPIT 20060706
1317329-EX 1317329-NEW 1317329-PRD; **1317330-EX**

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1317331-PRD; 1317332-EX 1317332-NEW 1317332-PRD; 1317333-EX 1317333-NEW
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DCN: **RAMY9V-N RAMY9V-P**
DCR: **1317330-N 1317330-P**

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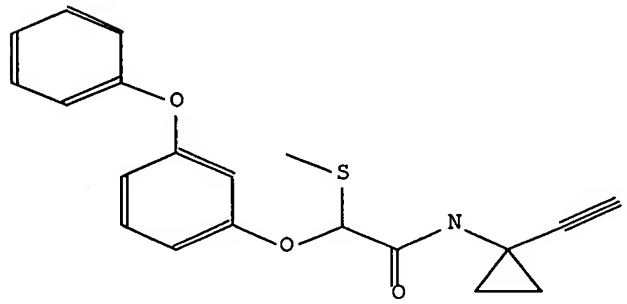
CN.S N-(1-Ethynyl-cyclopropyl)-2-methylsulfanyl-2-(3-phenoxy-phenoxy)-acetamide
SDCN RAMY9V



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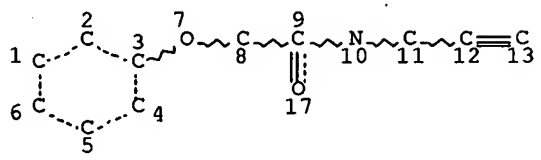

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DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 14

STEREO ATTRIBUTES: NONE
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L4 1 SEA SSS SAM L3
D SCAN

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E US2006-536517/APPS
L5 1 SEA ABB=ON US2006-536517/AP
D SCAN
SEL RN

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D SCAN

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D QUE L3
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L13           3 SEA ABB=ON  L12/COMPLETE
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                D

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L16          93 SEA SSS FUL L3 EXTEND
L17           7 SEA SSS FUL L3
                SAVE TEMP L17 PRY517BEIL/A
                E BABS/FA
L18           0 SEA ABB=ON  L17 AND BABSAN/FA
                E RN/FA
                E BP/FA
L19           7 SEA ABB=ON  L9
L20           7 SEA ABB=ON  L17 AND L19

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L22           1 SEA ABB=ON  L9 NOT CAPLUS/LC
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L24         339 SEA SSS FUL L3 EXTEND
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                SEL SDRN,SDCN,DCSE L25
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L31           2 SEA ABB=ON  L29 AND L30

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     FILE 'CAPLUS' ENTERED AT 12:30:29 ON 28 FEB 2007
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                      ANSWER '3' FROM FILE WPIX
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                  D IALL ABEQ TECH 3

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                D QUE NOS L22
                D IDE L22

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L38             1 SEA ABB=ON  L37 NOT L35

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                D QUE NOS L28
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                  D IBIB ABS QHIT 2-4
                  D IALL ABEQ TECH HIT HITSTR 5

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